Maryland
DEPARTMENT OF LABOR

Elevator Safety Inspection
1100 N Eutaw Street, Room 601-605
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Handicapped Lifts, LULA type lifts installed before March 24, 1997 must comply with the following requirements as a minimum. LULA Type lifts installed before March 24, 1997 will be classified as a H/L.

The following are the conditions that the Owner of the device would have had to comply with at the time of installation:

1. The Vertical Wheelchair lift is for the use of physically challenged individuals only, who are unable to climb stairs. The lift is not to be modified from its intended use.

2. A fused main line disconnect switch is required to be locked in the OFF position only; located within sight of the controller and motor. The disconnect needs to be on the lock side of the machine room door.

3. A (2) hour fire rated hoistway enclosure for the lift is required subject to compliance with all applicable provisions of State and/or Local Building Code.

4. An approved electric interlock is required for all hoistway doors, so doors cannot be opened when the lift is not level with the landing. Doors must be closed for the lift to operate.

5. Provide for emergency access into the hoistway on all hoistway doors. The means for unlocking the hoistway door shall be kept on the premises and available only to qualified persons for emergency use.

6. All hoistway doors must have a vision panel in the door suitably located for individuals in wheelchairs.

7. Provide "B" labelled hoistway doors rated for 1 112 hour fire rating.

8. The shear possibility under the hoistway door header shall be guarded by sheet steel not less than .0747 inches in thickness, at an angle not less than sixty (60) degrees nor more than seventy-five (75) degrees from the horizontal. It shall be securely attached to the door.

9. The clearance between the hoistway face of the landing doors and the car sill shall not exceed (3) inches.

10. A sign is required at all landings indicating use of lift is for the physically challenged individuals only.

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11. The electrical service to the lift must be on its own separate circuit.

12. The installation of all electrical wiring in the hoistway and machine area shall conform to the requirements the National Electrical Code, ANSI/NFPA No. 70.

13. All equipment must be grounded.

14. A capacity plate is required inside the lift and a certificate frame.

15. A data plate shall be provided by the manufacturer and fastened in a conspicuous place stating the speed, suspension means, manufacturer's name and date of manufacture.

16. The lift must be key operated from inside the lift and at all landings. This key must be kept on the premises in the charge of an attendant who is responsible for the operation of the lift. This attendant shall be summoned by means of clearly labeled attendant call station placed at each landing.

17. An emergency alarm bell is required operable from a switch marked "Alarm" which is located in or adjacent to the operation panel. The emergency signaling device shall be located inside the building and audible inside lift and outside the hoistway. If the emergency alarm bell is connected to the building power supply, it shall automatically transfer to a source of emergency power within ten (10) seconds after the normal power supply fails.

18. An emergency stop switch is required on the lift which will remove power from the lift when activated. The stop switch shall be indicated in red and shall read "Emergency Stop". Alarm bell to ring when stop switch is activated.

19. The lift shall be provided with an approved safety.

20. The lifts control panel to be located in the machine room so as not to reach over any equipment to service.

21. For hydraulic installations, flexible hose and fitting assemblies shall not be installed within the hoistway,nor project into or through any wall.

22. For traction or drum installations,all moving hoist ropes shall be guarded where necessary in the machine room to protect against accidental contact.

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23. For drum installations, provide proper slack rope switch. A chain or wire that attaches to the drop arm of the slack rope device and to the pull handle on the main line disconnect switch is not acceptable.

24. An electric light and light switch is required in the machine room. Switch is to be on the lock side of the machine room.

25. Provide safe and convenient access to the machine room, the door is to be self-closing and self-locking. Machine room and door to be same fire rating requirement as hoistway.

26. Emergency lighting is required inside of the car.

27. All landing control stations, car control panel and car telephone, as required, shall be at the required height for a wheelchair individual,

28. A pit at the bottom of hoistway is required to permit the car floor to stop flush with the bottom landing floor.

29. Safe and convenient access shall be provided to the pit. Access shall be by means of the lowest hoistway door. Where the pit extends 3 feet or more below the sill of the pit access door, a fixed vertical ladder of noncombustible material shall be provided located on the lock side of the hoistway access door and within reach of the access door. The ladder shall extend not less than forty two (42) inches above the sill of the access door, or hand grips shall be provided to the same height. Pits shall be accessible only to authorized persons.

30. A permanent lighting fixture shall be provided in the pit. The light shall provide an illumination of not less than 5 foot candles at the pit floor. The light bulb(s) shall be externally guarded to prevent contact and accidental breakage. The pit light switch shall be so located as to be accessible from the pit access door.

31. A duplex receptacle rated at not less than 15 A.120V shall be provided in the pit.

32. There shall be installed in the pit an enclosed stop switch meeting the requirements of Rule 210.2(g). This switch shall be so located as to be accessible from the pit access door. This stop switch shall be located approximately eighteen (18) inches above the floor level of the landing within reach from this access floor and adjacent to the pit ladder.

33. Installation to comply with Section 2000 Vertical Wheelchair Lifts of the ASME A17.1 Safety Code for Elevators. Platform clearance and overhead clearance in the hoistway to comply with Section 500 and 501 of ASME A17.1-1993 Safety Code where applicable.